

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS:

1. (Previously Presented) In a data transmission system including a station which transmits M encoded data streams using M antennas to a terminal and a station controller which controls the station, wherein M is an integer at least equal to 2, the terminal comprising:

at least one radio transceiver including P radio receivers and at least one transmitter with P being an integer at least equal to 2, each radio receiver including an antenna which receives the M encoded data streams and a detecting function which decodes the M encoded data streams into decoded data; and

a terminal controller which controls the at least one radio transceiver; and wherein

in response to a transmission from the station that the terminal is to operate at least one of the radio receivers in at least one frequency band not used to receive the M encoded data streams during at least one identified data frame therein to measure a radio indicator of the at least one frequency band not used to receive the M encoded data streams, the terminal controller causes at least one of the radio receivers to be tuned to the at least one frequency band during the at least one identified data frame and to make measurements therein and to transmit the measurements with the at least one transmitter of the at least one radio transceiver to the station.

Claims 2-60 (Cancelled).